

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/003819

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D239/42 C07D403/04 C07D403/10 C07D403/14 C07D409/04  
C07D409/14 C07D413/10 A61K31/506 A61P1/00 A61P11/00  
A61P17/00 A61P19/00 A61P25/00 A61P35/00 A61P37/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96/40143 A (ADAMS JERRY LEROY ; BOEHM JEFFREY CHARLES (US); GALLAGHER TIMOTHY FRAN) 19 December 1996 (1996-12-19) page 4, formula (I) page 35, Scheme VII page 48, line 12 - line 19 Examples 7, 11, 13	1, 2, 6-10
A	WO 03/024971 A (PROCTER & GAMBLE) 27 March 2003 (2003-03-27) page 1, paragraph 3 page 2, formula page 62, paragraph 2	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

17 August 2004

Date of mailing of the international search report

25/08/2004

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International Application No.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.

## INTERNATIONAL SEARCH REPORT

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### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 6-9 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☒ Claims Nos.: 11  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

## Continuation of Box II.1

Although claims 6-9 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

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## Continuation of Box II.2

Claims Nos.: 11

In the present independent claim 11, language such as "as hereinbefore described" introduces obscurity and thus renders the claim unclear within the meaning of Art. 6 IPC, since it refers to the whole content of the description. Moreover, such language interferes with Rule 6.2 a) PCT.

Consequently, no search has been carried out for the subject-matter of the said claim 11.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/003819

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9640143	A	19-12-1996	AT 233561 T	15-03-2003
			AU 699646 B2	10-12-1998
			AU 6272696 A	30-12-1996
			BR 9608591 A	05-01-1999
			CA 2223533 A1	19-12-1996
			CN 1192147 A , B	02-09-1998
			CZ 9703925 A3	16-09-1998
			DE 69626513 D1	10-04-2003
			DE 69626513 T2	24-12-2003
			EP 1314728 A1	28-05-2003
			EP 0831830 A1	01-04-1998
			ES 2194106 T3	16-11-2003
			HU 9802259 A2	28-09-1999
			IL 118544 A	08-08-2001
			IN 186434 A1	01-09-2001
			JP 11513017 T	09-11-1999
			MA 24242 A1	01-07-1998
			NO 975716 A	04-02-1998
			NZ 311403 A	29-11-1999
			PL 323916 A1	27-04-1998
			TR 9701574 T2	21-09-1999
			TW 442481 B	23-06-2001
			US 5869660 A	09-02-1999
			WO 9640143 A1	19-12-1996
			US 6369068 B1	09-04-2002
			US 5658903 A	19-08-1997
			US 5739143 A	14-04-1998
			US 6218537 B1	17-04-2001
			ZA 9604723 A	17-06-1997
WO 03024971	A	27-03-2003	CA 2461071 A1	27-03-2003
			CA 2461072 A1	27-03-2003
			CA 2461073 A1	27-03-2003
			CZ 20040345 A3	16-06-2004
			CZ 20040358 A3	14-07-2004
			CZ 20040361 A3	14-07-2004
			EP 1427727 A1	16-06-2004
			EP 1427728 A1	16-06-2004
			EP 1427732 A1	16-06-2004
			SK 1482004 A3	03-08-2004
			WO 03024973 A1	27-03-2003
			WO 03024970 A1	27-03-2003
			WO 03024971 A1	27-03-2003
			US 2003105084 A1	05-06-2003
			US 2003134867 A1	17-07-2003
			US 6566357 B1	20-05-2003
			US 2004038971 A1	26-02-2004
			US 2004058944 A1	25-03-2004
			US 2004087639 A1	06-05-2004